AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

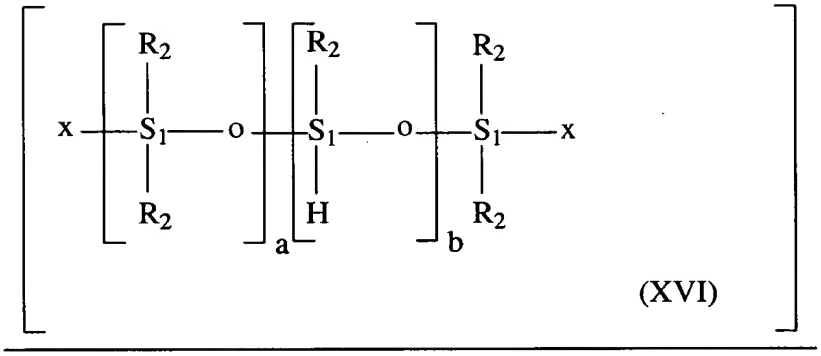
1-22. (Canceled)

23. (Currently Amended) ~~Preparation process according to Claim 48~~, Process for the preparation of a nonturbid, functionalized silicone oil of stable viscosity, the process comprising: hydrosilylating polyorganohydrosiloxane with synthons wherein:

(1) the synthons hydrosilylated with the polyorganohydrosiloxane are different or identical, comprising at least one hydrocarbon-comprising ring in which is included at least one oxygen atom,

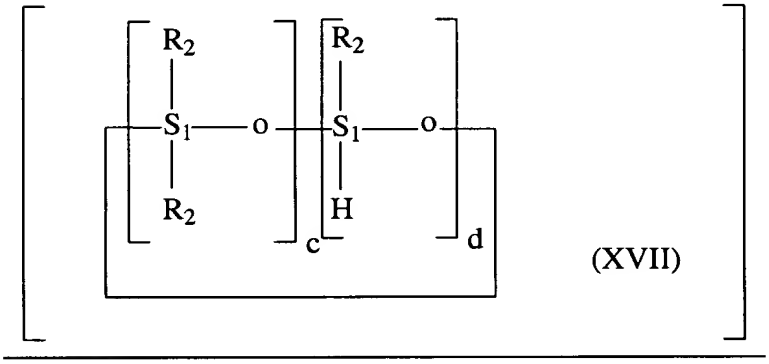
(2) said hydrosilylation reaction is carried out in the presence of a heterogeneous catalytic composition to reduce reactions that can form a gum and/or resin during devolatilization, the heterogeneous catalytic composition comprising a metal selected from the group consisting of cobalt, rhodium, ruthenium, platinum and nickel deposited on an inert support, said inert support selected from the group consisting of carbon black, charcoal, alumina, silicate and barium oxide, and

(3) the polyorganohydrosiloxane is linear or cyclic and has the mean formulae:



(XVI)

and/or



(XVII)

in which:

- the symbols R_2 are identical or different and correspond to a monovalent hydrocarbon-comprising radical chosen from the phenyl radical and linear or branched alkyl radicals having from 1 to 6 carbon atoms;
- the symbols x are identical or different and correspond to a monovalent radical chosen from R_2, a hydrogen atom, a methoxy radical and an ethoxy radical;
- a and b are integers or fractions, such that:

  - $0 < a \leq 200$,

- $0 \leq b < 200$,

- and at least one of the two x groups corresponds to the hydrogen radical if b = 0,

- $5 < a + b \leq 200$;

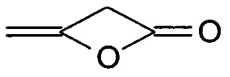
■ c and d are integers or fractions, such that:

- $0 < c < 5$,

- $1 < d < 10$,

- $3 < c + d < 10$

wherein the synthon has the formula:



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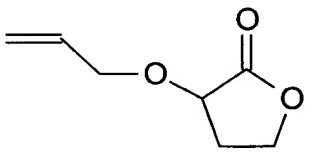

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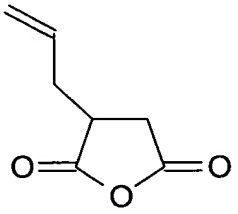

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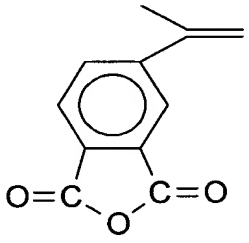

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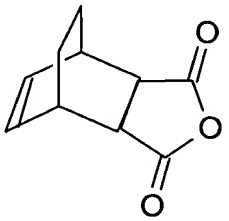
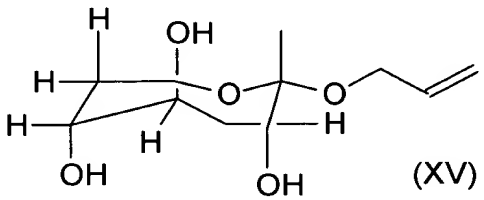


(XIV)

or



(XV)

; and

(4) devolatilizing a silicone oil obtained from the hydrosilylation reaction wherein the functionalized oils obtained are colorless and prepared in the presence of said catalytic composition, the inert support for which is carbon black.

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28 (Canceled)

29. (Currently Amended) Process according to Claim ~~48~~ 49, wherein the polyorganohydrosiloxane/synthons molar ratio is between 0.01 and 100.

30. (Currently Amended) Process according to Claim ~~48~~ 49, wherein the amount of metal is between 0.1% and 5% with respect to the weight of the inert support.

31. (Currently Amended) Process according to Claim ~~48~~ 49, wherein the amount of metal in the catalytic composition is between 1 and 1000 ppm with respect to the weight of the polyorganohydrosiloxane.

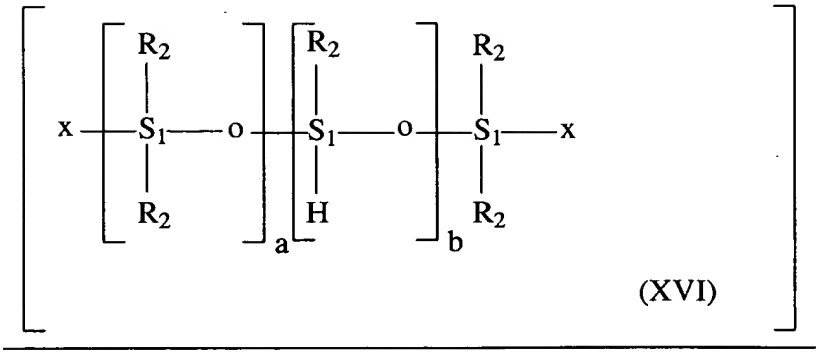
32. (Currently Amended) Process according to Claim ~~48~~ 49, wherein the metal of the catalytic composition is platinum.

33. (Currently Amended) ~~Process according to Claim 48~~ Process for the preparation of a nonturbid, functionalized silicone oil of stable viscosity, the process comprising: hydrosilylating polyorganohydrosiloxane with synthons wherein:

(1) the synthons hydrosilylated with the polyorganohydrosiloxane are different or identical, comprising at least one hydrocarbon-comprising ring in which is included at least one oxygen atom,

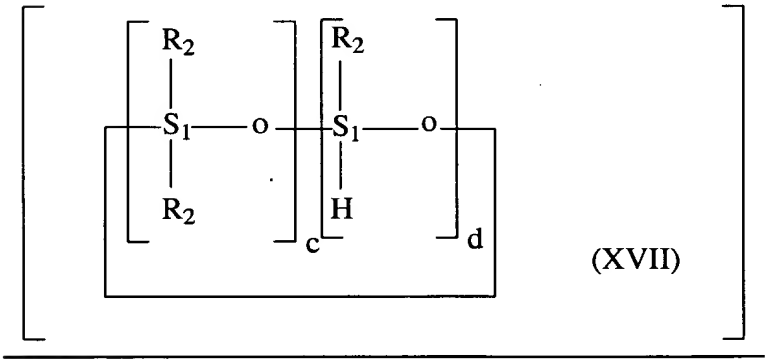
(2) said hydrosilylation reaction is carried out in the presence of a heterogeneous catalytic composition to reduce reactions that can form a gum and/or resin during devolatilization, the heterogeneous catalytic composition comprising a metal selected from the group consisting of cobalt, rhodium, ruthenium, platinum and nickel deposited on an inert support, said inert support selected from the group consisting of carbon black, charcoal, alumina, silicate and barium oxide, and

(3) the polyorganohydrosiloxane is linear or cyclic and has the mean formulae:



(XVI)

and/or



(XVII)

in which:

- the symbols R_2 are identical or different and correspond to a monovalent hydrocarbon-comprising radical chosen from the phenyl radical and linear or branched alkyl radicals having from 1 to 6 carbon atoms;
- the symbols x are identical or different and correspond to a monovalent radical chosen from R_2, a hydrogen atom, a methoxy radical and an ethoxy radical;
- a and b are integers or fractions, such that:

  - $0 < a \leq 200$,

- $0 \leq b < 200$,

- and at least one of the two x groups corresponds to the hydrogen radical if b = 0,

- $5 < a + b \leq 200$;

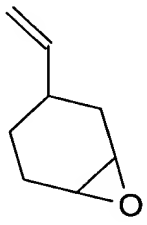
■ c and d are integers or fractions, such that:

- $0 < c < 5$,

- $1 < d < 10$,

- $3 < c + d < 10$

wherein the synthon has the formula:



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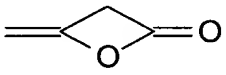

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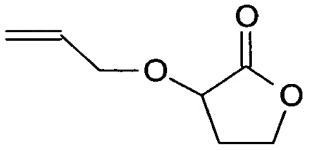

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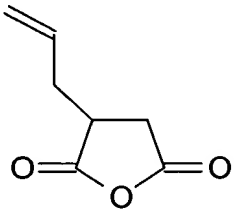

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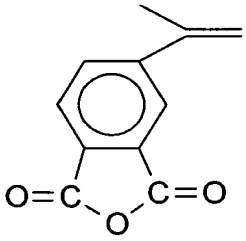

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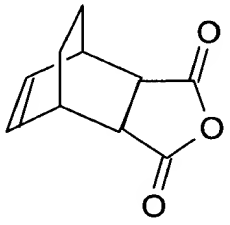

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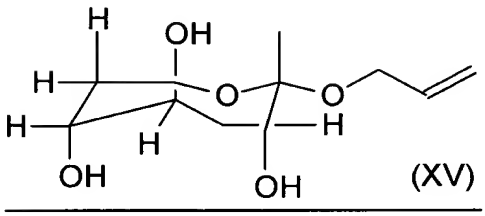


(XV)

; and

(4) devolatilizing a silicone oil obtained from the hydrosilylation reaction, wherein the polyorganohydrosiloxane and the synthon pass over or through a stationary bed of the catalytic composition.

34. (Canceled)

35. (Canceled)

36. (Canceled)

37. (Currently Amended) A process for the preparation of an antiadhesion product for paper, glass, plastic and/or metal the process comprising forming the antiadhesion product from components comprising the silicone oil prepared according to Claim ~~48~~ 49.

38. (Currently Amended) A process of the preparation of varnishes, inks and/or coatings the process comprising forming a varnish, ink and/or coating from components comprising the silicone oil prepared according to Claim ~~48~~ 49.

39. (Currently Amended) Process according to Claim ~~48~~ 49, comprising the following stages:

(a) introducing an amount of 5 to 5000 ppm of heterogeneous catalytic composition with respect to the total mass of the reactants under an inert gas into the reaction mixture;

(b) introducing the synthon into the reaction mixture;

(c) heating said mixture to a temperature of between 25°C and 200°C;

(d) subsequently introducing the polyorganohydrosiloxane over a period of time of between 0 and 24 hours, the synthon/polyorganohydrosiloxane molar ratio being between 1 and 1.10;

(e) filtering the reaction mass in order to separate the heterogeneous catalytic composition and the functionalized silicone oil; and

(f) finally devolatilizing the functionalized silicone oil.

40. (Currently Amended) Process according to Claim ~~48~~ 49, wherein the polyorganohydrosiloxane and the synthon react in the reaction mixture in the absence of solvent.

41. (Canceled)

42. (Currently Amended) The process according to Claim ~~48~~ 49, wherein the inert support of the heterogeneous catalytic composition is carbon black.

43. (Canceled)

44. (Canceled)

45. (Canceled)

46. (Canceled)

47. (Canceled)

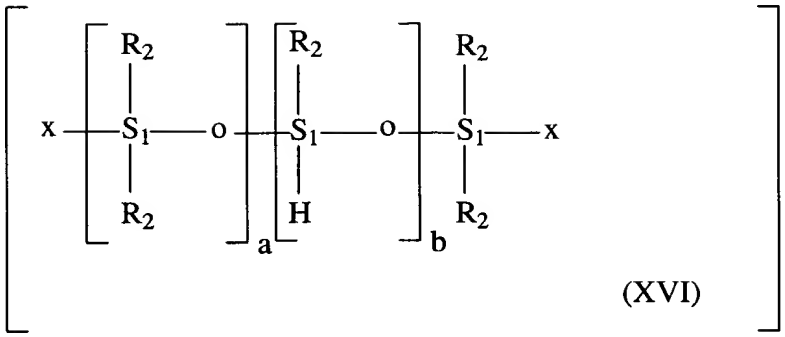
48. (Canceled)

49. (Currently Amended) Process for the preparation of a nonturbid, functionalized silicone oil of stable viscosity, the process comprising: hydrosilylating polyorganohydrosiloxane with synthons wherein:

(1) the synthons hydrosilylated with the polyorganohydrosiloxane are different or identical, comprising at least one hydrocarbon-comprising ring in which is included at least one oxygen atom,

(2) said hydrosilylation reaction is carried out in the presence of a heterogeneous catalytic composition to reduce reactions that can form a gum and/or resin during devolatilization, the heterogeneous catalytic composition comprising a metal selected from the group consisting of cobalt, rhodium, ruthenium, platinum and nickel deposited on an inert support, said inert support selected from the group consisting of carbon black, charcoal, alumina, silicate and barium oxide, and

(3) the polyorganohydrosiloxane is linear or cyclic and has the mean formulae:



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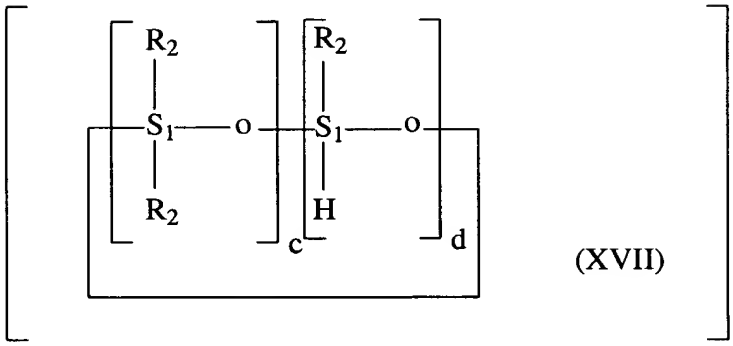
and/or



(XVII)

in which:

- the symbols R_2 are identical or different and correspond to a monovalent hydrocarbon-comprising radical chosen from the phenyl radical and linear or branched alkyl radicals having from 1 to 6 carbon atoms;
- the symbols x are identical or different and correspond to a monovalent radical chosen from R_2, a hydrogen atom, a methoxy radical and an ethoxy radical;
- a and b are integers or fractions, such that:

- $0 < a \leq 200$,

- $0 \leq b < 200$,

- and at least one of the two x groups corresponds to the hydrogen radical if b = 0,

- $5 < a + b \leq 200$;

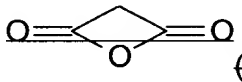
■ c and d are integers or fractions, such that:

- $0 < c < 5$,

- $1 < d < 10$,

- $3 < c + d < 10$

wherein the synthon has the formula: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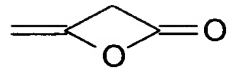
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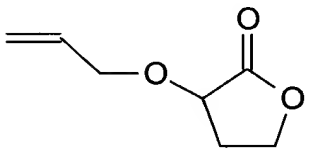
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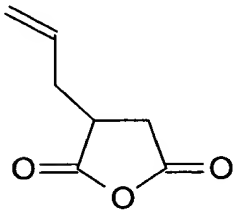
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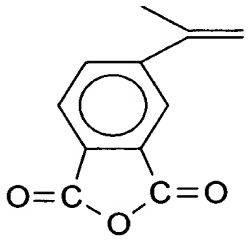
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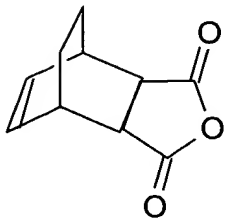
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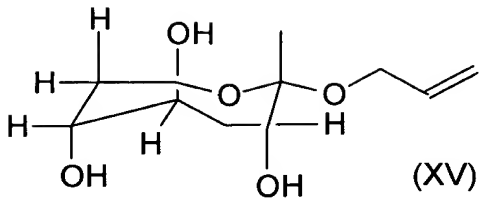

(XV)

; and

(4) devolatilizing a silicone oil obtained from the hydrosilylation reaction.

50. (New) Preparation process according to Claim 33, wherein the functionalized oils obtained are colorless and prepared in the presence of said catalytic composition, the inert support for which is carbon black.

51. (New) Process according to Claim 33, wherein the polyorganohydrosiloxane/synthons molar ratio is between 0.01 and 100.

52. (New) Process according to Claim 33, wherein the amount of metal is between 0.1% and 5% with respect to the weight of the inert support.

53. (New) Process according to Claim 33, wherein the amount of metal in the catalytic composition is between 1 and 1000 ppm with respect to the weight of the polyorganohydrosiloxane.

54. (New) Process according to Claim 33, wherein the metal of the catalytic composition is platinum.

55. (New) A process for the preparation of an antiadhesion product for paper, glass, plastic and/or metal the process comprising forming the antiadhesion product from components comprising the silicone oil prepared according to Claim 33.

56. (New) A process of the preparation of varnishes, inks and/or coatings the process comprising forming a varnish, ink and/or coating from components comprising the silicone oil prepared according to Claim 33.

57. (New) Process according to Claim 33, comprising the following stages:

(a) introducing an amount of 5 to 5000 ppm of heterogeneous catalytic composition with respect to the total mass of the reactants under an inert gas into the reaction mixture;

(b) introducing the synthon into the reaction mixture;

(c) heating said mixture to a temperature of between 25°C and 200°C;

(d) subsequently introducing the polyorganohydrosiloxane over a period of time of between 0 and 24 hours, the synthon/polyorganohydrosiloxane molar ratio being between 1 and 1.10;

(e) filtering the reaction mass in order to separate the heterogeneous catalytic composition and the functionalized silicone oil; and

(f) finally devolatilizing the functionalized silicone oil.